

AMENDMENT UNDER 37 C.F.R. § 1.111
U.S. Application Number 10/052,558
Attorney Docket Number Q68146

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

1. (original): A wireless communication terminal comprising:

wireless communication circuitry for establishing a wireless communication channel to a network;

an internal power source and an external power source;

control circuitry for energizing the wireless communication terminal with said external power source and energizing the wireless communication terminal with said internal power source when said external power source is faulty; and

monitor circuitry for monitoring said external power source and sending a message from said wireless communication circuitry to said network when said communication terminal is operating with said internal power source.

2. (original): The wireless communication terminal of claim 1, wherein said monitor circuitry transmits said message when no call is in progress and transmits a second message from said wireless communication circuitry to said network when said communication terminal is operating with said internal power source when a call is in progress.

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3. (original): The wireless communication terminal of claim 1, wherein said message indicates that the internal power source is producing a voltage which is lower than a critical level.

4. (original): The wireless communication terminal of claim 2, wherein said second message indicates that the internal power source is producing a voltage which is lower than a critical level.

5. (original): The wireless communication terminal of claim 2, wherein said wireless communication channel is a fixed wireless access (FWA) channel.

6. (original): The wireless communication terminal of claim 5, wherein said messages are sent in a data format specified by ANSI/(American National Standard Institute)/TIA (Telecommunications Industry Association)/EIA (Electronic Industries Alliance)-95B standard.

7. (original): A wireless communication network comprising:

a base station;

a base station controller connected to said base station;

a wireless communication terminal including:

wireless communication circuitry for establishing a wireless
communication channel to said base station;

an internal power source and an external power source;

control circuitry for energizing the wireless communication terminal with
said external power source and energizing the wireless communication terminal with said
internal power source when said external power source is faulty; and

monitor circuitry for monitoring said external power source and sending a
message from said wireless communication circuitry to said base station controller via said base
station when said communication terminal is operating with said internal power source.

8. (original): The wireless communication network of claim 7, wherein said monitor
circuitry transmits said message when no call is in progress and transmits a second message from
said wireless communication circuitry to said base station controller when said communication
terminal is operating with said internal power source when a call is in progress.

9. (original): The wireless communication network of claim 7, wherein said message
indicates that the internal power source is producing a voltage which is lower than a critical
level.

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10. (original): The wireless communication network of claim 8, wherein said second message indicates that the internal power source is producing a voltage which is lower than a critical level.

11. (original): The wireless communication network of claim 8, wherein said wireless communication channel is a fixed wireless access (FWA) channel.

12. (original): The wireless communication network of claim 11, wherein said message is sent in a data format specified by ANSI/(American National Standard Institute)/TIA (Telecommunications Industry Association)/EIA (Electronic Industries Alliance)-95B standard.

13. (original): A method of controlling a wireless communication terminal, wherein the terminal comprises a wireless communication circuitry for establishing a wireless communication channel to a network, an internal power source and an external power source, the method comprising the steps of:

- a) energizing the wireless communication terminal with said external power source and energizing the wireless communication terminal with said internal power source when said external power source is faulty;
- b) monitoring said external power source; and

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c) sending a message from said wireless communication circuitry to said network when said communication terminal is operating with said internal power source.

14. (original): The method of claim 13, wherein the step (c) includes the steps of sending said message when no call is in progress and sending a second message from said wireless communication circuitry to said network when said communication terminal is operating with said internal power source when a call is in progress.

15. (original): The method of claim 13, wherein said message indicates that the internal power source is producing a voltage which is lower than a critical level.

16. (original): The method of claim 14, wherein said second message indicates that the internal power source is producing a voltage which is lower than a critical level.

17. (original): The method of claim 14, wherein said wireless communication channel is a fixed wireless access (FWA) channel.

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18. (original): The method of claim 17, wherein said messages are sent in a data format specified by ANSI/(American National Standard Institute)/TIA (Telecommunications Industry Association)/EIA (Electronic Industries Alliance)-95B standard.

19. (new): The wireless communication terminal of claim 1, wherein said message indicates an operation state of the wireless communication terminal.

20. (new): The wireless communication terminal of claim 1, wherein said message is stored in said network.

21. (new): The wireless communication network of claim 7, wherein said message indicates an operation state of said wireless communication terminal.

22. (new): The wireless communication network of claim 7, wherein said base station controller further comprises a memory device storing said message.

23. (new): The wireless communication network of claim 22, further comprising a maintenance terminal analyzing a collection of said messages stored in said memory device.

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24. (new): The wireless communication network of claim 7, further comprising a maintenance terminal analyzing a collection of said messages.

25. (new): The wireless communication network of claim 24, wherein said maintenance terminal distinguishes a power turn-off event that occurs when no call is in progress from a power turn-off event that occurs when a call is in progress.

26. (new): The wireless communication network of claim 7, wherein a power turn-off event that occurs when no call is in progress is distinguished from a power turn-off event that occurs when a call is in progress.

27. (new): The method of claim 13, wherein said message indicates an operation state of the wireless communication terminal.

28. (new): The method of claim 13, wherein said message is stored in the network.